

Claims

What is claimed is:

1    1. In a World Wide Web ("Web") communication network  
2 with user access via a plurality of data processor  
3 controlled interactive receiving Web display stations for  
4 displaying received hypertext documents of at least one  
5 display page containing text and images accessible from  
6 sources on the Web, a system for selectively accessing  
7 any one of a historical sequence of changed versions of a  
8 Web document comprising:

9            means for bookmarking a received Web document;  
10            means responsive to said bookmarking means for  
11 tracking for changed versions of said bookmarked  
12 document;

13            means for storing a historical sequence of versions  
14 of said bookmarked document; and

15            means, responsive to a user request at a receiving  
16 station for said bookmarked document, for enabling said  
17 user to select any one of said versions of said  
18 bookmarked document.

1    2. The Web system of claim 1 further including means  
2 enabling a user to selectively activate said tracking  
3 means.

1 3. The Web system of claim 1 wherein said means enabling  
2 the user to select any one of said versions of said  
3 bookmarked document comprise:

4       means for displaying the latest version of said  
5 bookmarked document; and

6       means for displaying an index of the other stored  
7 versions of said bookmarked document.

1 4. The Web system of claim 1 wherein said changed  
2 versions of said bookmarked documents include versions at  
3 changed URLs.

1 5. The Web system of claim 1 wherein said Web network  
2 includes a Web server; and

3       said Web server includes said means for tracking for  
4 said changed versions and means for storing said sequence  
5 of changed versions.

1 6. The Web system of claim 5 further comprising:

2       Web browsing means at said receiving display station  
3 including:

4       said means for bookmarking a received Web document;  
5 and

6       said means for enabling said user to select any one  
7 of said versions of said bookmarked document.

1 7. The Web system of claim 6 wherein said Web server is  
2 maintained by an Internet Service Provider.

1 8. The Web system of claim 7 further including means  
2 enabling the user to selectively vary the time intervals  
3 at which said changed versions of said bookmarked  
4 document are tracked for.

1 9. The Web system of claim 7 further including means  
2 enabling the user to selectively vary the maximum number  
3 of said sequence of changed versions of said bookmarked  
4 document are to be stored.

1 10. The Web system of claim 8 further including means  
2 enabling said Internet Service Provider to vary the  
3 charges to the user based upon the time intervals at  
4 which said changed versions of said bookmarked document  
5 are tracked for.

1 11. The Web system of claim 9 further including means  
2 enabling said Internet Service Provider to vary the  
3 charges to the user based upon the maximum number of said  
4 sequence of changed versions of said bookmarked document  
5 to be stored.

1 12. In a Web communication network with user access via  
2 a plurality of data processor controlled interactive  
3 receiving Web display stations for displaying received  
4 hypertext documents of at least one display page  
5 containing text and images accessible from sources on the  
6 Web, a method for selectively accessing any one of a  
7 historical sequence of changed versions of a Web document  
8 comprising:

9 bookmarking a received Web document;  
10 tracking for changed versions of said bookmarked  
11 document;

12 storing a historical sequence of versions of said  
13 bookmarked document; and

14 responsive to a user request at a receiving station  
15 for said bookmarked document, enabling said user to  
16 select any one of said versions of said bookmarked  
17 document.

1 13. The method of claim 12 further including the step of  
2 enabling a user to selectively activate said tracking  
3 means.

1 14. The method of claim 12 wherein the step of enabling  
2 the user to select any one of said versions of said  
3 bookmarked document comprises the steps of:

4 displaying the latest version of said bookmarked  
5 document; and

6 displaying an index of the other stored versions of  
7 said bookmarked document.

1 15. The method of claim 12 wherein said changed versions  
2 of said bookmarked documents include versions at changed  
3 URLs.

1 16. The method of claim 12 wherein said Web network  
2 includes a Web server; and  
3 said steps of tracking for said changed versions and  
4 storing said sequence of changed versions are carried out  
5 on said Web server.

1 17. The method of claim 16 further comprising:  
2 a Web browsing process at said receiving display  
3 station including said steps of:  
4 bookmarking a received Web document; and  
5 enabling said user to select any one of said  
6 versions of said bookmarked document.

1 18. The method of claim 17 wherein said Web server is  
2 maintained by an Internet Service Provider.

1 19. The method of claim 18 further including the step of  
2 enabling the user to selectively vary the time intervals  
3 at which said changed versions of said bookmarked  
4 document are tracked for.

1 20. The method of claim 18 further including the step of  
2 enabling the user to selectively vary the maximum number  
3 of said sequence of changed versions of said bookmarked  
4 document that are to be stored.

1 21. The method of claim 19 further including the step of  
2 enabling said Internet Service Provider to vary the  
3 charges to the user based upon the time intervals at  
4 which said changed versions of said bookmarked document  
5 are tracked for.

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1 22. The method of claim 20 further including the step of  
2 enabling said Internet Service Provider to vary the  
3 charges to the user based upon the maximum number of said  
4 sequence of changed versions of said bookmarked document  
5 that are to be stored.

1 23. A computer program having code recorded on a  
2 computer readable medium for selectively accessing any  
3 one of a historical sequence of changed versions of a Web  
4 hypertext document of at least one display page  
5 containing text and images, received at a Web display  
6 station, said program comprising:

7       means for bookmarking a received Web document;  
8       means responsive to said bookmarking means for  
9 tracking for changed versions of said bookmarked  
10 document;

11       means for storing a historical sequence of versions  
12 of said bookmarked document; and

13       means, responsive to a user request at a receiving  
14 station for said bookmarked document, for enabling said  
15 user to select any one of said versions of said  
16 bookmarked document.

1 24. The computer program of claim 23 further including  
2 means enabling a user to selectively activate said  
3 tracking means.

1 25. The computer program of claim 23 wherein said means  
2 enabling the user to select any one of said versions of  
3 said bookmarked document comprise:

4       means for displaying the latest version of said  
5 bookmarked document; and

6       means for displaying an index of the other stored  
7 versions of said bookmarked document.

1 26. The computer program of claim 23 wherein said  
2 changed versions of said bookmarked documents include  
3 versions at changed URLs.

1 27. The computer program of claim 23 wherein said Web  
2 network includes a Web server; and  
3 said Web server includes said program means for  
4 tracking for said changed versions and means for storing  
5 said sequence of changed versions.

1 28. The computer program of claim 27 further comprising:  
2 a Web browser program at said receiving display  
3 station including:  
4 said means for bookmarking a received Web document;  
5 and  
6 said means for enabling said user to select any one  
7 of said versions of said bookmarked document.

1 29. The computer program of claim 28 wherein said Web  
2 server is maintained by an Internet Service Provider.

1 30. The computer program of claim 29 further including  
2 means enabling the user to selectively vary the time  
3 intervals at which said changed versions of said  
4 bookmarked document are tracked for.

1 31. The computer program of claim 29 further including  
2 means enabling the user to selectively vary the maximum  
3 number of said sequence of changed versions of said  
4 bookmarked document that are to be stored.

1 32. The computer program of claim 30 further including  
2 means enabling said Internet Service Provider to vary the  
3 charges to the user based upon the time intervals at  
4 which said changed versions of said bookmarked document  
5 are tracked for.

1 33. The computer program of claim 31 further including  
2 means enabling said Internet Service Provider to vary the  
3 charges to the user based upon the maximum number of said  
4 sequence of changed versions of said bookmarked document  
5 that are to be stored.